L Numb	er Hits		DB	mi
1	46282	(substrate or board or (base near board))	USPAT:	Time stamp 2003/06/04 18:41
		near glass	US-PGPUB	2003/00/04 18:41
2	336253	semiconductor	USPAT;	2003/06/04 18:41
3	51677	lol on (plantus as a l	US-PGPUB	
1	31077	el or (electro near luminescent)	USPAT;	2003/06/04 18:42
4	547005	organic	US-PGPUB	
			USPAT; US-PGPUB	2003/06/04 18:42
5	38033	(single or mono) near crystal	USPAT;	2003/06/04 18:43
			US-PGPUB	2003/06/04 18:43
6	12064	unit near block	USPAT;	2003/06/04 18:48
7	20220	//auhatmata au han l	US-PGPUB	, , , , , ,
	20220	((substrate or board or (base near board)) near glass) and semiconductor	USPAT;	2003/06/04 18:44
8	2062	(((substrate or board or (base near	US-PGPUB	
		board)) near glass) and semiconductor) and	USPAT; US-PGPUB	2003/06/04 18:44
	ĺ	(el or (electro near luminescent))	US-FGFUB	
9	1507	((((substrate or board or (base near	USPAT;	2003/06/04 18:44
1		board)) near glass) and semiconductor) and	US-PGPUB	2003/00/04 10:44
		(el or (electro near luminescent))) and organic		
10	379	J		1
		board)) near glass) and semiconductor) and	USPAT;	2003/06/04 18:45
		(el or (electro near luminescent))) and	US-PGPUB	
	ĺ	organic) and ((single or mono) near		
11		(crystal)		
11	2	The second of boatd of thase hear	USPAT;	2003/06/04 18:45
		board)) near glass) and semiconductor) and	US-PGPUB	
1		(el or (electro near luminescent))) and organic) and ((single or mono) near		
		crystal)) and (unit near block)		
12	5	(((((substrate or board or (base near	USPAT;	2002/05/04 12 15
		board)) near glass) and semiconductor) and	US-PGPUB	2003/06/04 18:45
		(el or (electro near luminescent))) and	JOD TOLOD	
13	804	organic) and (unit near block)		
15	004	tittleasserace of boatd of (base hear	USPAT;	2003/06/04 18:51
		board)) near glass) and semiconductor) and (el or (electro near luminescent))) and	US-PGPUB	
		organic) and @ad>20000630		
15	1377398	unit	USPAT;	2003/06/04 18:51
1.6			US-PGPUB	2003/06/04 18:51
16	109	((((((substrate or board or (base near	USPAT;	2003/06/04 18:51
		board)) near glass) and semiconductor) and	US-PGPUB	
		(el or (electro near luminescent))) and organic) and @ad>20000630) and		
		438/\$.ccls.) and unit		
17	1092015	block	USPAT;	2002/06/04 10 50
1.0			US-PGPUB	2003/06/04 18:52
18	42	(((((((substrate or board or (base near	USPAT;	2003/06/04 18:52
		board)) near glass) and semiconductor) and	US-PGPUB	2000,00,04 10:52
	1	(el or (electro near luminescent))) and		
		organic) and @ad>20000630) and 438/\$.ccls.) and unit) and block		
14	199	((((((substrate or board or (base near	IIODa m	0000/00/0
			USPAT; US-PGPUB	2003/06/04 19:02
		(el or (electro near luminescent))) and	OS-EGEOR	
10		organic) and @ad>20000630) and 438/9 ccls	ľ	
19   20	3	("5827757"   "5923961"   "5932484").PN.	USPAT	2003/06/04 19:14
	1	6/11/20/20 110 014	USPAT	2003/06/04 19:14

L Number	Hits	Search Text	DB	Time stamp
L Number	46282	(substrate or board or (base near board))	USPAT;	2003/06/10 16:36
_	40202	near glass	US-PGPUB	
_	336253	semiconductor	USPAT; US-PGPUB	2003/06/05 20:45
-	51677	el or (electro near luminescent)	USPAT; US-PGPUB	2003/06/10 16:38
_	547005	organic	USPAT; US-PGPUB	2003/06/10 16:47
_	38033	(single or mono) near crystal	USPAT; US-PGPUB	2003/06/04 18:43
-	12064	unit near block	USPAT; US-PGPUB	2003/06/04 18:48
-	20220	((substrate or board or (base near board)) near glass) and semiconductor	USPAT; US-PGPUB	2003/06/04 18:44
-	2062	(((substrate or board or (base near board)) near glass) and semiconductor) and (el or (electro near luminescent))	USPAT; US-PGPUB	2003/06/04 18:44
-	• 1507	((((substrate or board or (base near board)) near glass) and semiconductor) and (el or (electro near luminescent))) and	USPAT; US-PGPUB	2003/06/04 18:44
-	379	organic (((((substrate or board or (base near board)) near glass) and semiconductor) and (el or (electro near luminescent))) and organic) and ((single or mono) near crystal)	USPAT; US-PGPUB	2003/06/04 18:45
-	2	<pre>((((((substrate or board or (base near board)) near glass) and semiconductor) and (el or (electro near luminescent))) and organic) and ((single or mono) near crystal)) and (unit near block)</pre>	USPAT; US-PGPUB	2003/06/04 18:45
_	5	<pre>((((((substrate or board or (base near board)) near glass) and semiconductor) and (el or (electro near luminescent))) and</pre>	USPAT; US-PGPUB	2003/06/04 18:45
_	804	organic) and (unit near block) (((((substrate or board or (base near board)) near glass) and semiconductor) and (el or (electro near luminescent))) and organic) and @ad>20000630	USPAT; US-PGPUB	2003/06/05 15:19
_	1377398	unit	USPAT; US-PGPUB	2003/06/04 18:51
-	109	<pre>((((((((substrate or board or (base near board)) near glass) and semiconductor) and (el or (electro near luminescent))) and organic) and @ad&gt;20000630) and 438/\$.ccls.) and unit</pre>	USPAT; US-PGPUB	2003/06/04 18:51
_	1092015	block	USPAT; US-PGPUB	2003/06/04 18:52
_	42	((((((((substrate or board or (base near board)) near glass) and semiconductor) and (el or (electro near luminescent))) and organic) and @ad>2000630) and ### ###############################	USPAT; US-PGPUB	2003/06/04 18:52
-	199	board)) near glass) and semiconductor) and (el or (electro near luminescent))) and	USPAT; US-PGPUB	2003/06/05 12:11
1	1	organic) and @ad>20000630) and 438/\$.ccls. ("5827757"   "5923961"   "5932484") PN.	USPAT	2003/06/04 19:14
_	3 1	("582/757"   "5923961"   "5932484").PN.	USPAT	2003/06/04 19:14
_	1	6413838.URPN.	USPAT	2003/06/05 12:08
_	3	("5827757"   "5923961"   "5932484").PN.	USPAT	2003/06/05 12:09
_	811	((((((substrate or board or (base near board)) near glass) and semiconductor) and (el or (electro near luminescent))) and	USPAT; US-PGPUB	2003/06/05 12:12
_	1379765	organic) and @ad>20000630) unit	USPAT; US-PGPUB	2003/06/05 12:12

-	498	((((((substrate or board or (base near	USPAT;	2003/06/05 12:13
		board)) near glass) and semiconductor) and	US-PGPUB	
		(el or (electro near luminescent))) and organic) and @ad>20000630) ) and unit		
_	1653956	hole or aperture or opening	USPAT;	2003/06/05 19:41
_	1033330	note of aperture of opening	US-PGPUB	
_	1014320	block	USPAT;	2003/06/05 12:24
			US-PGPUB	
-	196	((((((((substrate or board or (base near	USPAT;	2003/06/05 12:24
		board)) near glass) and semiconductor) and	US-PGPUB	
		(el or (electro near luminescent))) and organic) and @ad>20000630)) and unit) and		
		(hole or aperture or opening)) and block		
_	452	(((((((substrate or board or (base near	USPAT;	2003/06/05 15:08
		board)) near glass) and semiconductor) and	US-PGPUB	
		(el or (electro near luminescent))) and		
		organic) and @ad>20000630) ) and unit) and		
	· 0	(hole or aperture or opening) 6470594.URPN.	USPAT	2003/06/05 14:15
_	14	("4081397"   "4357557"   "4590128"	USPAT	2003/06/05 14:15
		"5124204"   "5239228"   "5304419"		
		"5401536"   "5591379"   "5771562"		
		"5882761"   "6226890"   "6268071"		
		"6268654"   "6284342"   "2001/0046579"   "2001/0049030").PN.		
_	1816038	die or (ic or (intergrated near\$2	USPAT;	2003/06/05 15:10
	1010030	circuit)) or chip	US-PGPUB	
_	336881	semiconductor	USPAT;	2003/06/05 15:12
			US-PGPUB	0000/06/05 15 10
-	46391	(substrate or board or (base near board))	USPAT; US-PGPUB	2003/06/05 15:13
	51804	near glass el or (electro near luminescent)	USPAT;	2003/06/05 15:15
_	31804	er or (erectio hear ruminescency	US-PGPUB	2000,00,00 20120
_	290898	(die or (ic or (intergrated near\$2	USPAT;	2003/06/10 16:35
		circuit)) or chip ) and semiconductor	US-PGPUB	
-	17054	((die or (ic or (intergrated near\$2	USPAT;	2003/06/05 15:17
		<pre>circuit)) or chip ) and semiconductor) and ((substrate or board or (base near board))</pre>	US-PGPUB	
		near glass)		
_	1801	(((die or (ic or (intergrated near\$2	USPAT;	2003/06/05 15:17
		circuit)) or chip ) and semiconductor) and	US-PGPUB	
		((substrate or board or (base near board))		
		near glass)) and (el or (electro near luminescent))		
_	1525	((((die or (ic or (intergrated near\$2	USPAT;	2003/06/05 15:18
	1,72,5	circuit)) or chip ) and semiconductor) and	US-PGPUB	
		((substrate or board or (base near board))		
		near glass)) and (el or (electro near		
1		luminescent))) and (hole or aperture or		
_	765	opening) (((((die or (ic or (intergrated near\$2	USPAT;	2003/06/05 15:19
-	/65	circuit)) or chip ) and semiconductor) and	US-PGPUB	-300,00,00 10.17
		((substrate or board or (base near board))		
		near glass)) and (el or (electro near		
		luminescent))) and (hole or aperture or		
	540000	opening)) and @ad>20000630	HCDAT.	2003/06/05 19:40
-	548029	organic	USPAT; US-PGPUB	2003/06/03 19:40
_	650	(((((die or (ic or (intergrated near\$2	USPAT;	2003/06/05 15:24
		circuit)) or chip ) and semiconductor) and	US-PGPUB	
		((substrate or board or (base near board))		
		near glass)) and (el or (electro near		
		luminescent))) and (hole or aperture or		
_	363262	opening)) and @ad>20000630) and organic dicing or cutting or sawing or ablation	USPAT;	2003/06/05 15:25
	303202	disting of sussing of suning of ablacton	US-PGPUB	
L	J	I make the second of the secon	1	

Page 2

-	117	(((((die or (ic or (intergrated near\$2	USPAT;	2003/06/05 19:33
		circuit)) or chip ) and semiconductor) and	US-PGPUB	
		((substrate or board or (base near board))		
		near glass)) and (el or (electro near luminescent))) and (hole or aperture or		
		opening)) and @ad>20000630) and organic)		
	1	and (dicing or cutting or sawing or		
		ablation)		
_	37	<pre>(((((((die or (ic or (intergrated near\$2</pre>	USPAT;	2003/06/05 15:34
		circuit)) or chip ) and semiconductor) and	US-PGPUB	
		((substrate or board or (base near board))		
		near glass)) and (el or (electro near		
		luminescent))) and (hole or aperture or		
		opening)) and @ad>20000630) and organic)		
		and (dicing or cutting or sawing or		
	226	ablation)) and 438/\$.ccls.	HODAG	2002/06/05 10:25
-	226	<pre>(((((((die or (ic or (intergrated near\$2 circuit)) or chip ) and semiconductor) and</pre>	USPAT;	2003/06/05 19:35
		((substrate or board or (base near board))	US-FGFUB	
		near glass)) and (el or (electro near		
		luminescent))) and (hole or aperture or		
		opening))) and organic) and (dicing or		
	1	cutting or sawing or ablation)		
-	1816038	die or (ic or (intergrated near\$2	USPAT;	2003/06/05 19:36
		circuit)) or chip	US-PGPUB	
-	46391	(substrate or board or (base near board))	USPAT;	2003/06/05 19:38
	0430	near glass	US-PGPUB	2002/06/05 20:41
_	9438	(die or (ic or (intergrated near\$2	USPAT; US-PGPUB	2003/06/05 20:41
		circuit)) or chip ) same ((substrate or board or (base near board)) near glass )	US-FGFUB	
_	51145	(el or (electro near luminescent))	USPAT;	2003/06/05 19:40
			US-PGPUB	
-	950	((die or (ic or (intergrated near\$2	USPAT;	2003/06/05 19:40
		circuit)) or chip ) same ((substrate or	US-PGPUB	
		board or (base near board)) near glass ))		
		and ((el or (electro near luminescent)) )	_	
-	548029	organic	USPAT;	2003/06/05 19:40
	625	///dia an /in an /interpreted mage?	US-PGPUB	2003/06/05 10:40
-	635	(((die or (ic or (intergrated near\$2 circuit)) or chip ) same ((substrate or	USPAT; US-PGPUB	2003/06/05 19:40
		board or (base near board)) near glass ))	OD IGIOD	
		and ((el or (electro near luminescent)) ))		
		and organic		-
-	1653956	hole or aperture or opening	USPAT;	2003/06/10 16:47
			US-PGPUB	
-	535	((((die or (ic or (intergrated near\$2	USPAT;	2003/06/05 19:42
		circuit)) or chip ) same ((substrate or	US-PGPUB	
		board or (base near board)) near glass ))		
		<pre>and ((el or (electro near luminescent)) )) and organic) and (hole or aperture or</pre>		
		opening)		
_	165	(((((die or (ic or (intergrated near\$2	USPAT;	2003/06/05 20:05
		circuit)) or chip ) same ((substrate or	US-PGPUB	
		board or (base near board)) near glass ))		
		and ((el or (electro near luminescent)) ))		
		and organic) and (hole or aperture or		
	-	opening)) and 438/\$.ccls.		0000/06/05 00 05
_	6	concavites	USPAT; US-PGPUB	2003/06/05 20:05
_	62256	(concave or concavities or rounded or	US-PGPUB USPAT;	2003/06/05 20:09
	02236	curve) near (surface or side)	US-PGPUB	2003/00/03 20:09
-	106	((concave or concavities or rounded or	USPAT;	2003/06/05 20:11
		curve) near (surface or side)) same	US-PGPUB	
		((substrate or board or (base near board))		,
		near glass )		
-	2	(((concave or concavities or rounded or	USPAT;	2003/06/05 20:12
		curve) near (surface or side)) same	US-PGPUB	
		((substrate or board or (base near board))		
		near glass )) and ((el or (electro near luminescent)))		
L	I	1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	1	L

-	1	(((concave or concavities or rounded or	USPAT;	2003/06/05 20:12
		curve) near (surface or side)) same	US-PGPUB	
		((substrate or board or (base near board))		
		<pre>near glass )) and ((((((die or (ic or (intergrated near\$2 circuit)) or chip )</pre>		
		and semiconductor) and ((substrate or		
		board or (base near board)) near glass))		
		and (el or (electro near luminescent)))		
		and (hole or aperture or opening))) and		
		organic) and (dicing or cutting or sawing		
		or ablation))		
<del>-</del>	5	5442255.URPN.	USPAT	2003/06/05 20:26
	3	("3789471"   "3855499"   "4857161"   "5157304"   "5256936").PN.	USPAT	2003/06/05 20:28
_	1	6413838.URPN.	USPAT	2003/06/05 20:35
_	745		USPAT;	2003/06/05 20:42
		circuit)) or chip ) near ((substrate or	US-PGPUB	
		board or (base near board)) near glass )		
_	1407649	solution or liquid	USPAT;	2003/06/05 20:42
	500		US-PGPUB	
_	532	· ·   · · · · · · · · · · · · · · · ·	USPAT;	2003/06/05 20:43
		circuit)) or chip ) near ((substrate or board or (base near board)) near glass ))	US-PGPUB	
		and (solution or liquid )		
-	15		USPAT;	2003/06/05 20:43
		circuit)) or chip ) near ((substrate or	US-PGPUB	1
		board or (base near board)) near glass ))		
		and (solution or liquid )) and ((concave		
		or concavities or rounded or curve) near		
_	336881	(surface or side)) semiconductor	HCDAM.	2002/06/05 20 46
	330001	Semiconductor	USPAT; US-PGPUB	2003/06/05 20:46
_	326	(((die or (ic or (intergrated near\$2	USPAT;	2003/06/05 20:46
İ		circuit)) or chip ) near ((substrate or	US-PGPUB	2000,00,00 20.40
ı		board or (base near board)) near glass ))		
		and (solution or liquid )) and		
ı	1064070	semiconductor		
_	1864270	(die or (ic or (intergrated near\$2 circuit)) or chip or semiconductor)	USPAT;	2003/06/10 16:36
_	46456	(substrate or board) near glass	US-PGPUB USPAT;	2003/06/10 16:36
	10100	(Substitute of Board, Mear grass	US-PGPUB	2003/00/10 10:36
_	51126	el or (electro near luminescence)	USPAT;	2003/06/10 16:39
i			US-PGPUB	
_	40153	(switch or switching) near transistor	USPAT;	2003/06/10 16:40
l	12060		US-PGPUB	
-	13268	(driver or driving) near transistor	USPAT;	2003/06/10 16:41
_	504212	capacity	US-PGPUB	2002/06/10 16:41
l	204212	σαραστογ	USPAT; US-PGPUB	2003/06/10 16:41
-	587148	wire or wiring	USPAT;	2003/06/10 16:41
1		-	US-PGPUB	
-	13922	((die or (ic or (intergrated near\$2	USPAT;	2003/06/10 16:42
		circuit)) or chip or semiconductor)) same	US-PGPUB	
	1000	((substrate or board) near glass)		
-	1278	(((die or (ic or (intergrated near\$2	USPAT;	2003/06/10 17:28
		<pre>circuit)) or chip or semiconductor)) same ((substrate or board) near glass)) and (el</pre>	US-PGPUB	
		or (electro near luminescence))		
-	121	(((die or (ic or (intergrated near\$2	USPAT;	2003/06/10 16:42
		circuit)) or chip or semiconductor)) same	US-PGPUB	115, 50, 10 10.42
		((substrate or board) near glass)) and (el		
		or (electro near luminescence))) and		
_	37	((switch or switching) near transistor)		0000 (05 (10 )
	3/	<pre>(((((die or (ic or (intergrated near\$2 circuit)) or chip or semiconductor)) same</pre>	USPAT;	2003/06/10 16:42
		((substrate or board) near glass)) and (el	US-PGPUB	
		or (electro near luminescence))) and		
		((switch or switching) near transistor))		
		and ((driver or driving) near transistor)		

-	9		USPAT;	2003/06/10 16:43
		circuit)) or chip or semiconductor)) same	US-PGPUB	
		((substrate or board) near glass)) and (el		
		or (electro near luminescence))) and		
		((switch or switching) near transistor))		
		and ((driver or driving) near transistor))		
	1655644	and capacity		
-	1033644	hole or aperture or opening	USPAT;	2003/06/10 16:47
_	1025	///dia an /in an /internal a	US-PGPUB	
-	1025	<pre>((((die or (ic or (intergrated near\$2 circuit)) or chip or semiconductor)) same</pre>	USPAT;	2003/06/10 16:47
		((substrate or board) near glass)) and (el	US-PGPUB	
		or (electro near luminescence))) and (hole		
		or aperture or opening)		
_	548594	organic	HCDAM.	2002/06/10 16 17
	340334	Organic	USPAT; US-PGPUB	2003/06/10 16:47
_	727	((((die or (ic or (intergrated near\$2	US-PGPUB USPAT:	2002/06/10 16:50
	, ,	circuit)) or chip or semiconductor)) same	US-PGPUB	2003/06/10 16:52
		((substrate or board) near glass)) and (el	03-FGF0B	
		or (electro near luminescence))) and (hole		
		or aperture or opening)) and organic		
-	1409191	liquid or solution	USPAT;	2003/06/10 16:52
			US-PGPUB	2003/00/10 10:32
-	688	(liquid or solution) and (((((die or (ic	USPAT;	2003/06/10 17:15
		or (intergrated near\$2 circuit)) or chip	US-PGPUB	2003,00,10 1,.13
		or semiconductor)) same ((substrate or	10000	
		board) near glass)) and (el or (electro		
		near luminescence))) and (hole or aperture		
		or opening)) and organic)		
-	190	(	USPAT;	2003/06/10 17:15
		or (intergrated near\$2 circuit)) or chip	US-PGPUB	
		or semiconductor)) same ((substrate or		
		board) near glass)) and (el or (electro	ĺ	
		near luminescence))) and (hole or aperture		
	0.53	or opening)) and organic)) and 438/\$.ccls.		
_	251	(((die or (ic or (intergrated near\$2	USPAT;	2003/06/10 17:28
		circuit)) or chip or semiconductor)) same	US-PGPUB	
		((substrate or board) near glass)) same		
l _	5	(el or (electro near luminescence))		
	5	jacobsen.in. and "Alien Technology Corporation"	USPAT;	2003/06/12 14:29
_	17		US-PGPUB	0000/05/10 10 10
	1 /	"Alien Technology Corporation"	USPAT;	2003/06/12 14:29
_	808	jacobsen.in.	US-PGPUB	2002/06/10 14 55
		Jacobsen. III.	USPAT;	2003/06/12 14:33
_	27	jacobsen.in. and 428/\$.ccls.	US-PGPUB	2002/06/12 14 25
		and π20/Ψ.CC15.	USPAT; US-PGPUB	2003/06/12 14:34
-	9	("3903590"   "4783695"   "4918811"	US-PGPUB USPAT	2002/06/12 14:25
		"5138433"   "5231751"   "5241456"	OBEAT	2003/06/12 14:35
!		"5373627"   "5434751"   "5545291").PN.		
		1 0101/01   0040201 ).FN.		

Page 5